

IN THE SPECIFICATION:

The paragraph beginning on page 9, line 9 and ending on page 10 line 15 has been amended to read as follows:

While the guide roller 20 positioned on the exit side of the mill defining the second roller with respect to the direction of rotation of the saw blade gets extremely hot due to the hot saw dust interacting therewith carried thereto by the saw blade due to the friction associated with the blade pulling the saw dust through the lumber being cut. The heat buildup tends to cause the blade to warp and wallow when hot and cut in a wavy pattern often resulting in a reduced feed speed. In order to dissipate the heat and remedy the warping problem, a plurality of air flow passages are utilized within the exit guide roller 20. More particularly, the roller body 18 has a plurality of air flow through passages 30 extending from one to the other of the front and rear faces 22 and 23, respectively. Air is caused to flow through the passages 30 in a direction from the rear face 23 to the front face 22 by air flow causing means as the roller during operation rotates in the direction of arrow A in Figure 2. The air flow causing means, in the illustrated embodiment, comprises an entry portion or louver 31 in the rear face 23 for each respective passage 30 and wherein the entry portion 31 is a concave depression. The depression may be variously formed for example by a portion of a drill hole whose axis of rotation is at a selected angle to the longitudinal axis of the passage 30 associated therewith. The concave depression has a leading portion 32 sloping gently from a leading edge 29 toward a trailing edge 33 defining the leading edge [33] of an [entry] inlet 34 to the passage and terminating in a rear wall 35 adjacent a trailing edge 36 of the [entry] inlet 34. The rear wall 35 is approximately at right angles to the surface of the rear face 23 at its steepest central portion and merges via curved surfaces of gradually decreasing slope into the gently sloping leading portion 32. Alternatively the air flow causing means maybe appropriately shaped and appropriately positioned projections or fins 50 on the surface 23 and/or flange 26 as shown in the embodiment of Figure 10.